



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

Serving the People of California

September 1994

July 1994

This bulletin covers 27 agricultural industries in the state of California. The number of industries range from five to seventeen within each of six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley and North Coast (refer to map for details). The data are organized into the following tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

NOTE: Data in this bulletin are now available electronically through a personal computer and modem. Our Labor Market Information Division's new Bulletin Board System can be accessed by dialing (916) 262-2BBS (262-2227).

California's agricultural employment totaled 414,000 in July, a decrease of 16,000 from the June 1994 level of 430,000. (Table 1-A.) This was a 1.7 percent decrease over the July 1993 total. Employment declined significantly in the Desert Region (Grapes and Farm Labor Management), and in the South Coast (Berries). In the San Joaquin Valley Grapes there was a modest monthly increase, but there were 9,000 less workers in Grapes than a year ago. In the same Region, there were 8,100 fewer workers in Farm Labor Contracting than a year ago. The remaining three regions recorded little change from June.

Wage and Salary Workers in Agricultural Establishments

For July 1994

(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	414.0	196.7	59.9	69.8	25.1	32.9	14.4
Total Crops	230.5	93.8	40.4	46.2	10.8	23.1	10.3
Total Livestock	26.1	13.6	2.3	1.1	5.3	1.6	2.0
Total Services	157.4	89.3	17.2	22.5	9.0	8.2	2.1

Source: Tables 1-A through 7-A.

CHANGES FROM ONE YEAR AGO

Agricultural employment in California was 7,300 below the July 1993 total. (Tables 1-A through 7-A.) The lower employment estimates for this year were proportionally divided between crop production and services.

The average hourly earnings for California production workers in July 1994 were \$6.46, an increase of seven cents from the July 1993 figure. (Table 1-E).

REGIONAL CROP ACTIVITIES

According to the California Farm Labor Report (881A), the major regional crop activities during July were:

- Desert: None
- South Coast: Strawberries, oranges, and broccoli (harvest), tomato and horticulture (plant, cultivate & harvest).
- Central Coast: Broccoli, lettuce, strawberries, apricots, and bushberries (harvest), miscellaneous vegetables (harvest/preharvest), and horticulture (plant, cultivate & harvest).
- San Joaquin Valley: Cotton (chop/weed), nectarines, oranges, peaches, melons, tomatoes, cucumbers, plums, and table grapes (harvest), and orchards (thin).
- Sacramento Valley: None
- North Coast: None.

AGRICULTURAL PRODUCTION WORKERS

Statewide agricultural production worker employment was 386,800 in July, down 16,900 over the June level of 403,700. (Table 1-B.)

The July average weekly earnings for California production workers were \$278.43. Regional averages ranged from a low of \$269.70 in the San Joaquin Valley Region to a high of \$331.97 in the North Coast. (Tables 1-C through 7-C.)

The average hourly workweek in California was 43.1 hours in July, 0.2 hours above the June level of 42.9 hours. The region with the shortest workweek was the South Coast with 41.7 hours. The longest workweek was in the Sacramento Valley Region at 47.2 hours. (Tables 1-D through 7-D.)

Average Hourly Earnings of Production Workers

For July 1994

(In Dollars per Hour)

Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	6.46	6.20	6.62	7.28	6.90	5.88	7.41
Total Crops	6.40	6.17	6.44	7.05	6.54	5.99	7.29
Total Livestock	7.31	7.41	7.37	7.32	8.28	6.40	6.96
Total Services	6.41	6.03	6.97	7.81	6.50	5.47	8.43

Source: Tables 1-E through 7-E.

DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 14 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

DATA COMMENTS:

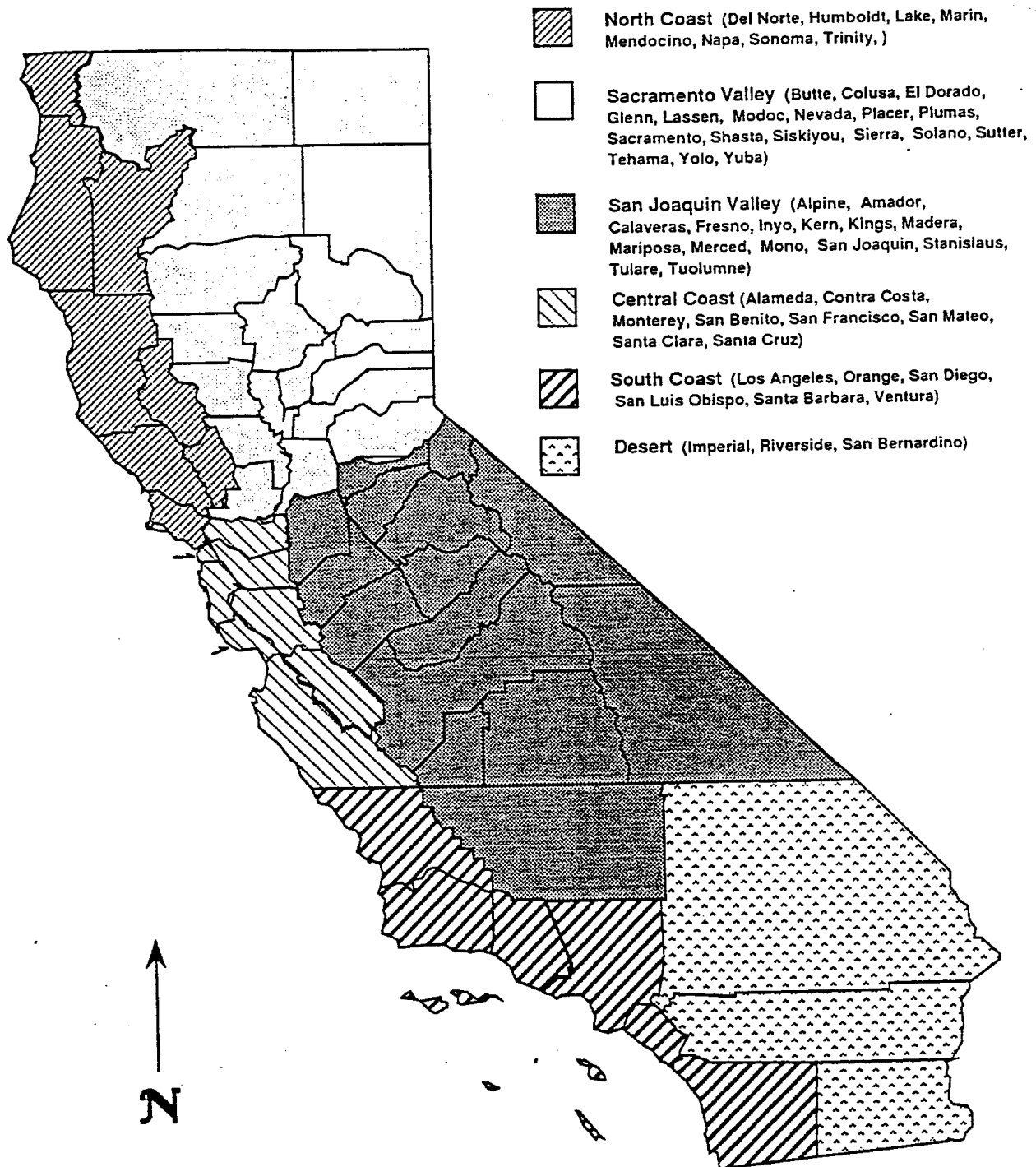
ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-0019** or call (916) 262-2321. (Calnet 8-469-2321).

CES-AG REPORTING REGIONS
LABOR MARKET INFORMATION DIVISION
EMPLOYMENT DEVELOPMENT DEPARTMENT



CALIFORNIA

Wage and Salary Employment

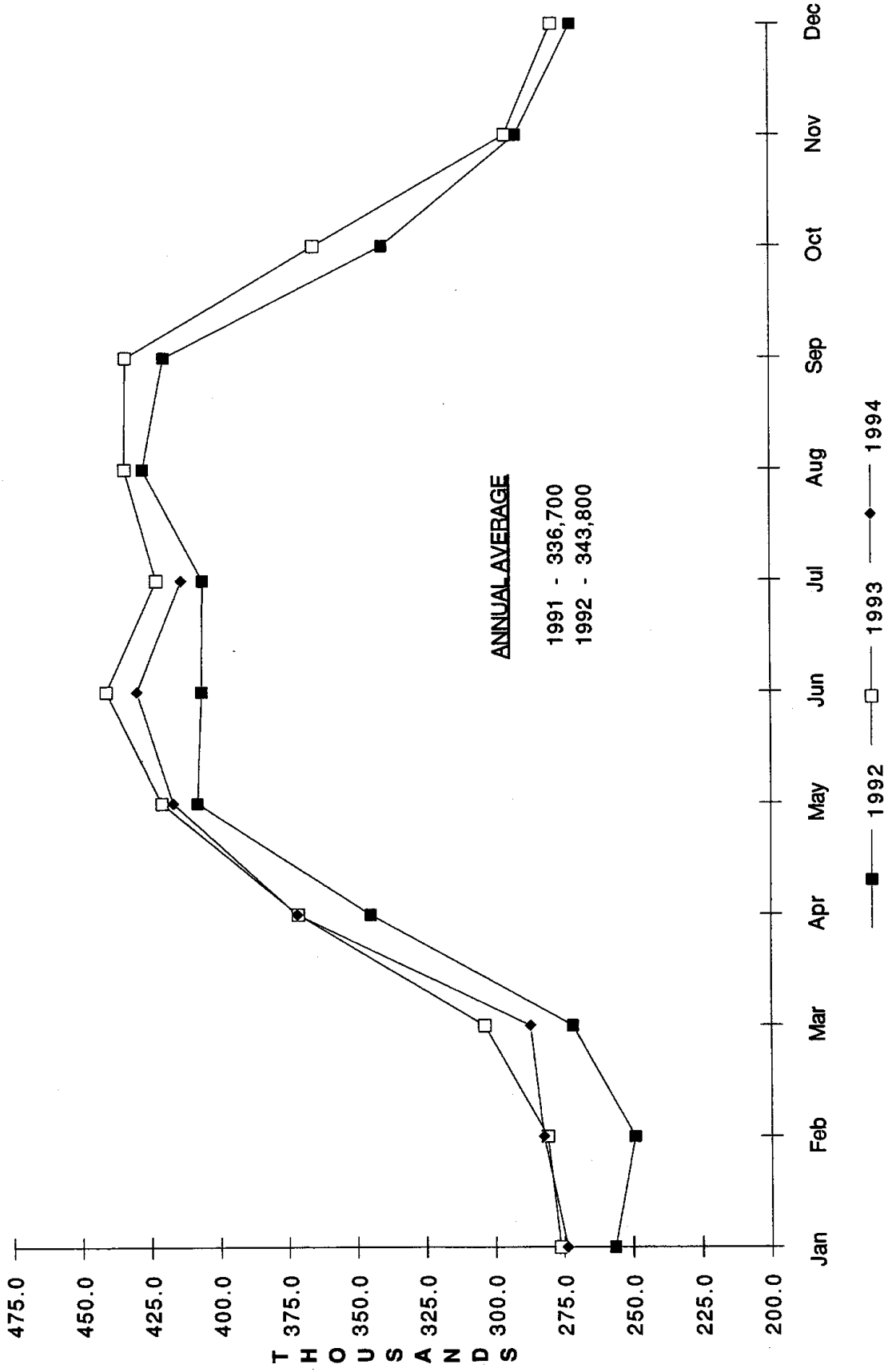


TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	414.0	430.0	421.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	230.5	236.5	234.5
CASH GRAINS	3.0	2.9	3.2
RICE	1.5	1.5	1.5
OTHER CASH GRAINS	1.5	1.4	1.7
FIELD CROPS EXCEPT CASH GRAINS	15.2	15.0	14.9
COTTON	8.1	7.9	8.0
OTHER FIELD CROPS	7.1	7.1	6.9
VEGETABLES AND MELONS	39.3	38.4	38.6
TOTAL FRUITS AND TREE NUTS	108.0	113.7	112.4
BERRIES	24.0	28.8	20.2
GRAPES	36.9	40.2	42.2
TREE NUTS	6.5	6.3	6.7
CITRUS FRUITS	6.0	6.2	5.6
DECIDUOUS TREE FRUIT	21.8	20.2	24.7
OTHER FRUITS AND NUTS	12.8	12.0	13.0
TOTAL HORTICULTURAL SPECIALTIES	28.9	29.7	31.5
ORNAMENTAL FLORAL & NURSERY	25.6	26.3	28.2
FOOD CROPS GROWN UNDER COVER	3.3	3.4	3.3
GENERAL FARM PRIMARILY CROP	36.1	36.8	33.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	26.1	26.3	26.4
BEEF CATTLE FEED LOTS	0.6	0.6	0.6
BEEF CATTLE EXCEPT FEED LOTS	3.6	3.7	3.7
DAIRY FARMS	13.9	14.0	13.8
CHICKEN EGGS	2.9	2.9	2.9
TURKEYS & TURKEY EGGS	1.0	1.0	1.0
OTHER LIVESTOCK	4.1	4.1	4.4
TOTAL AGRICULTURAL SERVICES	157.4	167.2	160.4
SOIL PREPARATION SERVICES	1.3	1.3	1.2
CROP SERVICES	45.1	45.7	48.4
PLANT CULTIVATE & PROTECTION	5.4	6.2	5.4
HARVEST PRIMARILY BY MACHINE	8.7	8.9	9.1
PREPARATION SVCS FOR MARKET	30.2	29.7	33.2
COTTON GINNING	0.8	0.9	0.7
TOTAL FARM LABOR & MANAGEMENT	111.0	120.2	110.8
FARM LABOR CONTRACTORS	101.7	111.5	100.6
FARM MANAGEMENT SERVICES	9.3	8.7	10.2

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	386.8	403.7	393.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	212.8	219.6	216.7
CASH GRAINS	2.7	2.5	2.7
RICE	1.3	1.3	1.2
OTHER CASH GRAINS	1.4	1.2	1.5
FIELD CROPS EXCEPT CASH GRAINS	13.9	13.7	13.8
COTTON	7.4	7.2	7.5
OTHER FIELD CROPS	6.5	6.5	6.3
VEGETABLES AND MELONS	36.4	35.5	35.7
TOTAL FRUITS AND TREE NUTS	101.8	108.6	106.9
BERRIES	23.5	28.3	19.8
GRAPES	34.1	38.1	39.6
TREE NUTS	5.7	5.5	6.1
CITRUS FRUITS	5.4	5.7	5.1
DECIDUOUS TREE FRUIT	20.9	19.5	23.9
OTHER FRUITS AND NUTS	12.2	11.5	12.4
TOTAL HORTICULTURAL SPECIALTIES	23.9	24.4	26.1
ORNAMENTAL FLORAL & NURSERY	21.0	21.5	23.2
FOOD CROPS GROWN UNDER COVER	2.9	2.9	2.9
GENERAL FARM PRIMARILY CROP	34.1	34.9	31.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	23.1	23.3	23.2
BEEF CATTLE FEED LOTS	0.5	0.5	0.5
BEEF CATTLE EXCEPT FEED LOTS	3.0	3.1	3.0
DAIRY FARMS	13.0	13.1	12.9
CHICKEN EGGS	2.2	2.2	2.3
TURKEYS & TURKEY EGGS	0.8	0.8	0.8
OTHER LIVESTOCK	3.6	3.6	3.7
TOTAL AGRICULTURAL SERVICES	150.9	160.8	154.0
SOIL PREPARATION SERVICES	1.0	1.0	0.9
CROP SERVICES	40.9	41.4	44.6
PLANT CULTIVATE & PROTECTION	4.7	5.4	4.7
HARVEST PRIMARILY BY MACHINE	8.2	8.5	8.7
PREPARATION SVCS FOR MARKET	27.5	26.9	30.7
COTTON GINNING	0.5	0.6	0.5
TOTAL FARM LABOR & MANAGEMENT	109.0	118.4	108.5
FARM LABOR CONTRACTORS	100.2	110.2	99.1
FARM MANAGEMENT SERVICES	8.8	8.2	9.4

) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	278.43	275.42	270.94
TOTAL AGRICULTURAL PRODUCTION/CROPS	289.92	289.38	281.94
CASH GRAINS	362.00	366.12	347.01
RICE	372.92	378.25	364.50
OTHER CASH GRAINS	350.98	353.26	332.40
FIELD CROPS EXCEPT CASH GRAINS	352.51	338.46	337.46
COTTON	336.29	326.00	334.37
OTHER FIELD CROPS	371.47	351.62	339.95
VEGETABLES AND MELONS	315.32	332.85	311.22
TOTAL FRUITS AND TREE NUTS	258.96	262.03	251.93
BERRIES	262.03	287.62	270.43
GRAPES	261.35	259.53	258.30
TREE NUTS	279.90	276.00	269.68
CITRUS FRUITS	282.80	271.88	261.07
DECIDUOUS TREE FRUIT	237.16	228.23	224.47
OTHER FRUITS AND NUTS	263.95	252.30	241.38
TOTAL HORTICULTURAL SPECIALTIES	313.91	319.64	301.70
ORNAMENTAL FLORAL & NURSERY	302.25	311.33	294.90
FOOD CROPS GROWN UNDER COVER	404.51	379.50	361.10
GENERAL FARM PRIMARILY CROP	307.89	282.50	303.21
TOTAL AGRIC PRODUCTION/LIVESTOCK	353.07	354.75	347.03
BEEF CATTLE FEED LOTS	370.73	356.38	404.64
BEEF CATTLE EXCEPT FEED LOTS	340.76	336.87	330.13
DAIRY FARMS	369.52	369.27	361.61
CHICKEN EGGS	317.00	321.60	315.57
TURKEYS & TURKEY EGGS	362.38	365.18	341.30
OTHER LIVESTOCK	322.79	335.34	321.93
TOTAL AGRICULTURAL SERVICES	251.27	246.52	244.68
SOIL PREPARATION SERVICES	528.05	551.49	508.66
CROP SERVICES	296.93	281.58	283.22
PLANT CULTIVATE & PROTECTION	318.85	326.62	297.66
HARVEST PRIMARILY BY MACHINE	277.13	259.20	274.50
PREPARATION SVCS FOR MARKET	296.73	278.46	282.40
COTTON GINNING	398.25	344.57	329.10
TOTAL FARM LABOR & MANAGEMENT	231.55	231.77	226.77
FARM LABOR CONTRACTORS	224.53	226.10	219.62
FARM MANAGEMENT SERVICES	311.66	306.88	306.24

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	43.1	42.9	42.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.3	45.5	44.4
CASH GRAINS	54.6	54.0	53.8
RICE	54.6	53.5	54.0
OTHER CASH GRAINS	54.5	54.6	53.7
FIELD CROPS EXCEPT CASH GRAINS	54.4	53.3	52.4
COTTON	52.3	51.5	51.6
OTHER FIELD CROPS	56.8	55.2	53.2
VEGETABLES AND MELONS	45.5	48.1	45.7
TOTAL FRUITS AND TREE NUTS	41.5	42.4	40.7
BERRIES	41.2	44.8	43.2
GRAPES	39.9	40.3	39.8
TREE NUTS	47.2	46.7	45.4
CITRUS FRUITS	40.0	37.5	39.2
DECIDUOUS TREE FRUIT	42.2	42.5	39.8
OTHER FRUITS AND NUTS	43.2	43.5	39.7
TOTAL HORTICULTURAL SPECIALTIES	46.3	46.8	45.3
ORNAMENTAL FLORAL & NURSERY	46.5	47.1	45.3
FOOD CROPS GROWN UNDER COVER	45.4	44.7	46.0
GENERAL FARM PRIMARILY CROP	51.4	47.8	50.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.3	48.2	47.8
BEEF CATTLE FEED LOTS	54.2	51.5	56.2
BEEF CATTLE EXCEPT FEED LOTS	43.8	43.3	43.9
DAIRY FARMS	49.6	49.5	49.4
CHICKEN EGGS	49.3	48.0	47.1
TURKEYS & TURKEY EGGS	50.4	50.3	51.4
OTHER LIVESTOCK	45.4	46.9	43.8
TOTAL AGRICULTURAL SERVICES	39.2	38.7	38.9
SOIL PREPARATION SERVICES	59.0	59.3	58.4
CROP SERVICES	40.9	39.0	39.5
PLANT CULTIVATE & PROTECTION	42.4	43.9	41.0
HARVEST PRIMARILY BY MACHINE	37.5	36.0	36.6
PREPARATION SVCS FOR MARKET	41.5	39.0	40.0
COTTON GINNING	45.0	40.3	41.5
TOTAL FARM LABOR & MANAGEMENT	38.4	38.5	38.5
FARM LABOR CONTRACTORS	37.8	38.0	37.8
FARM MANAGEMENT SERVICES	45.3	44.8	46.4

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	6.46	6.42	6.39
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.40	6.36	6.35
CASH GRAINS	6.63	6.78	6.45
RICE	6.83	7.07	6.75
OTHER CASH GRAINS	6.44	6.47	6.19
FIELD CROPS EXCEPT CASH GRAINS	6.48	6.35	6.44
COTTON	6.43	6.33	6.48
OTHER FIELD CROPS	6.54	6.37	6.39
VEGETABLES AND MELONS	6.93	6.92	6.81
TOTAL FRUITS AND TREE NUTS	6.24	6.18	6.19
BERRIES	6.36	6.42	6.26
GRAPES	6.55	6.44	6.49
TREE NUTS	5.93	5.91	5.94
CITRUS FRUITS	7.07	7.25	6.66
DECIDUOUS TREE FRUIT	5.62	5.37	5.64
OTHER FRUITS AND NUTS	6.11	5.80	6.08
TOTAL HORTICULTURAL SPECIALTIES	6.78	6.83	6.66
ORNAMENTAL FLORAL & NURSERY	6.50	6.61	6.51
FOOD CROPS GROWN UNDER COVER	8.91	8.49	7.85
GENERAL FARM PRIMARILY CROP	5.99	5.91	6.04
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.31	7.36	7.26
BEEF CATTLE FEED LOTS	6.84	6.92	7.20
BEEF CATTLE EXCEPT FEED LOTS	7.78	7.78	7.52
DAIRY FARMS	7.45	7.46	7.32
CHICKEN EGGS	6.43	6.70	6.70
TURKEYS & TURKEY EGGS	7.19	7.26	6.64
OTHER LIVESTOCK	7.11	7.15	7.35
TOTAL AGRICULTURAL SERVICES	6.41	6.37	6.29
SOIL PREPARATION SERVICES	8.95	9.30	8.71
CROP SERVICES	7.26	7.22	7.17
PLANT CULTIVATE & PROTECTION	7.52	7.44	7.26
HARVEST PRIMARILY BY MACHINE	7.39	7.20	7.50
PREPARATION SVCS FOR MARKET	7.15	7.14	7.06
COTTON GINNING	8.85	8.55	7.93
TOTAL FARM LABOR & MANAGEMENT	6.03	6.02	5.89
FARM LABOR CONTRACTORS	5.94	5.95	5.81
FARM MANAGEMENT SERVICES	6.88	6.85	6.60

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SAN JOAQUIN

Wage and Salary Employer

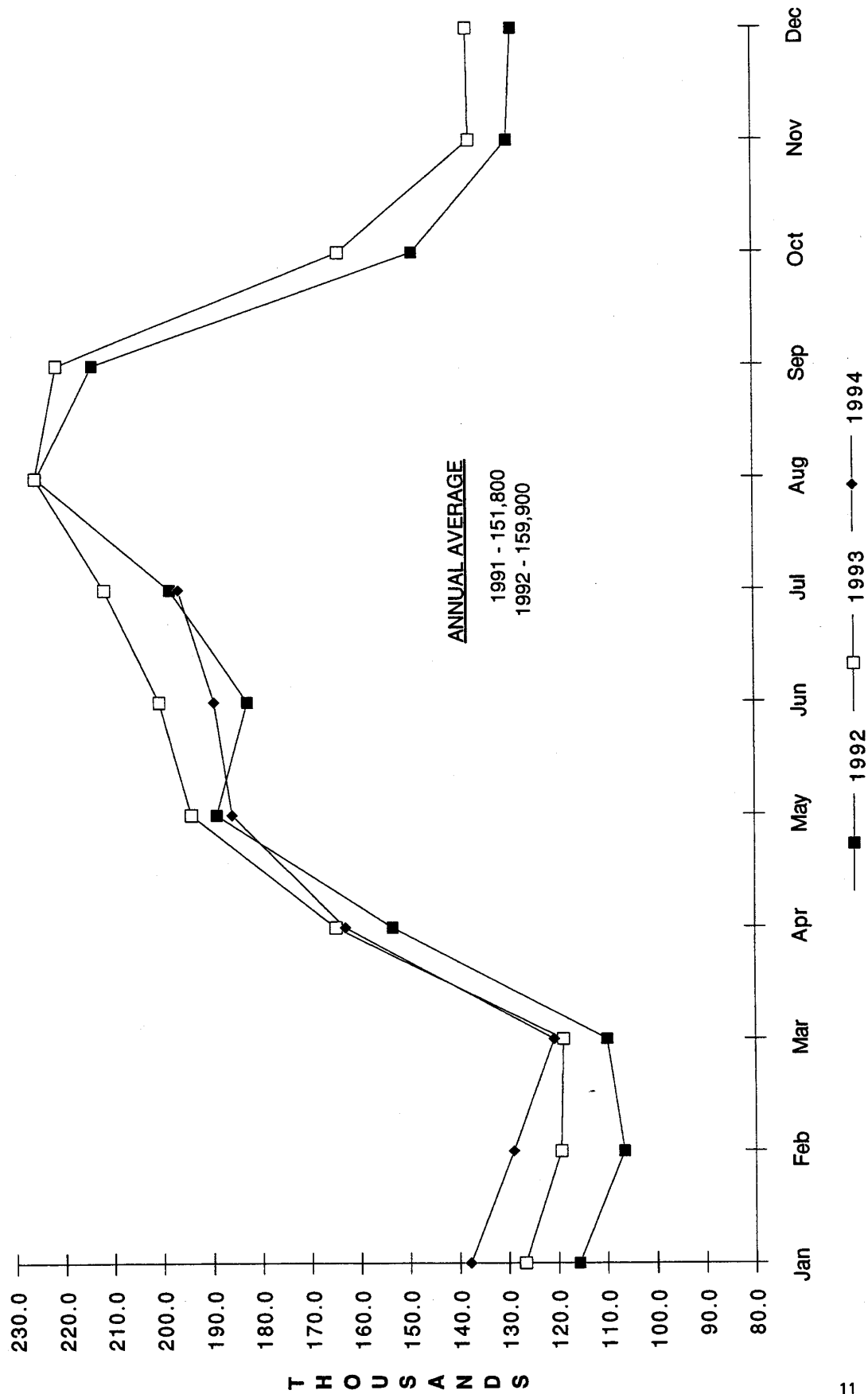


TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	196.7	189.6	220.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	93.8	87.9	104.8
TOTAL FIELD CROPS	12.4	12.1	12.2
COTTON	7.5	7.3	7.8
OTHER FIELD CROPS	4.9	4.8	4.4
VEGETABLES AND MELONS	9.6	7.9	7.5
TOTAL FRUITS AND TREE NUTS	50.4	47.0	62.6
GRAPES	23.8	20.8	32.8
TREE NUTS	4.1	4.0	4.1
CITRUS FRUITS	2.7	2.8	2.6
DECIDUOUS TREE FRUIT	12.0	11.8	13.8
OTHER FRUITS AND NUTS	7.8	7.6	9.3
HORTICULTURAL SPECIALTIES	2.4	2.7	2.8
GENERAL FARM PRIMARILY CROP	19.0	18.2	19.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	13.6	13.6	13.6
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.2	1.2	1.2
DAIRY FARMS	9.1	9.1	8.9
POULTRY & EGGS	1.9	1.9	2.0
OTHER LIVESTOCK	1.2	1.2	1.3
TOTAL AGRICULTURAL SERVICES	89.3	88.1	101.8
CROP SERVICES	22.9	22.9	26.8
PLANT CULTIVATE & PROTECTION	4.0	4.1	4.1
HARVEST PRIMARILY BY MACHINE	3.2	3.1	3.5
PREPARATION SVCS FOR MARKET	15.0	14.8	18.5
COTTON GINNING	0.7	0.9	0.7
TOTAL FARM LABOR & MANAGEMENT	66.4	65.2	75.0
FARM LABOR CONTRACTORS	60.8	60.4	68.9
FARM MANAGEMENT SERVICES	5.6	4.8	6.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	186.6	180.4	209.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	88.4	83.1	99.5
TOTAL FIELD CROPS	11.3	11.1	11.3
COTTON	6.9	6.7	7.3
OTHER FIELD CROPS	4.4	4.4	4.0
VEGETABLES AND MELONS	9.1	7.4	7.0
TOTAL FRUITS AND TREE NUTS	48.1	45.2	60.5
GRAPES	22.8	20.1	31.9
TREE NUTS	3.6	3.6	3.8
CITRUS FRUITS	2.5	2.6	2.4
DECIDUOUS TREE FRUIT	11.6	11.5	13.4
OTHER FRUITS AND NUTS	7.6	7.4	9.0
HORTICULTURAL SPECIALTIES	2.0	2.3	2.3
GENERAL FARM PRIMARILY CROP	17.9	17.1	18.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.4	12.6	12.4
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.0	1.1	1.0
DAIRY FARMS	8.5	8.6	8.3
POULTRY & EGGS	1.7	1.7	1.8
OTHER LIVESTOCK	1.0	1.0	1.1
TOTAL AGRICULTURAL SERVICES	85.8	84.7	97.9
CROP SERVICES	20.4	20.5	24.4
PLANT CULTIVATE & PROTECTION	3.4	3.5	3.5
HARVEST PRIMARILY BY MACHINE	2.8	2.9	3.4
PREPARATION SVCS FOR MARKET	13.7	13.5	17.0
COTTON GINNING	0.5	0.6	0.5
TOTAL FARM LABOR & MANAGEMENT	65.4	64.2	73.5
FARM LABOR CONTRACTORS	60.1	59.7	67.8
FARM MANAGEMENT SERVICES	5.3	4.5	5.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	269.70	259.20	257.71
TOTAL AGRICULTURAL PRODUCTION/CROPS	285.67	273.88	270.60
TOTAL FIELD CROPS	343.73	329.21	338.45
COTTON	322.50	309.25	333.72
OTHER FIELD CROPS	377.52	359.52	346.58
VEGETABLES AND MELONS	304.78	306.21	283.64
TOTAL FRUITS AND TREE NUTS	259.34	251.34	246.04
GRAPES	255.12	248.53	248.46
TREE NUTS	282.17	276.23	272.78
CITRUS FRUITS	258.25	279.51	235.95
DECIDUOUS TREE FRUIT	249.20	241.90	237.44
OTHER FRUITS AND NUTS	278.84	252.15	238.19
HORTICULTURAL SPECIALTIES	307.73	326.16	297.29
GENERAL FARM PRIMARILY CROP	307.91	277.63	301.81
TOTAL AGRIC PRODUCTION/LIVESTOCK	361.61	364.28	355.25
BEEF CATTLE FEED LOTS	364.67	359.93	436.76
BEEF CATTLE EXCEPT FEED LOTS	338.21	345.53	338.94
DAIRY FARMS	373.73	378.22	362.36
POULTRY & EGGS	347.92	342.13	349.10
OTHER LIVESTOCK	307.13	307.62	303.55
TOTAL AGRICULTURAL SERVICES	239.39	229.25	232.70
CROP SERVICES	291.90	272.58	266.26
PLANT CULTIVATE & PROTECTION	375.00	339.02	356.45
HARVEST PRIMARILY BY MACHINE	255.00	254.14	263.98
PREPARATION SVCS FOR MARKET	273.98	256.63	246.56
COTTON GINNING	396.94	338.18	322.63
TOTAL FARM LABOR & MANAGEMENT	223.47	215.91	221.37
FARM LABOR CONTRACTORS	215.63	209.37	213.93
FARM MANAGEMENT SERVICES	314.40	295.45	311.00

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	43.5	43.2	41.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	46.3	45.8	44.0
TOTAL FIELD CROPS	52.8	51.6	52.8
COTTON	50.0	48.7	51.5
OTHER FIELD CROPS	57.2	56.0	55.1
VEGETABLES AND MELONS	49.8	51.9	49.5
TOTAL FRUITS AND TREE NUTS	42.1	42.6	40.4
GRAPES	39.8	41.7	39.5
TREE NUTS	48.4	47.3	46.0
CITRUS FRUITS	37.7	36.3	36.3
DECIDUOUS TREE FRUIT	44.9	45.3	42.1
OTHER FRUITS AND NUTS	43.5	41.0	39.5
HORTICULTURAL SPECIALTIES	42.8	43.2	43.4
GENERAL FARM PRIMARILY CROP	52.1	48.2	48.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.8	48.7	49.0
BEEF CATTLE FEED LOTS	51.8	50.2	54.8
BEEF CATTLE EXCEPT FEED LOTS	41.6	42.5	42.0
DAIRY FARMS	49.5	49.7	49.1
POULTRY & EGGS	47.4	45.8	49.1
OTHER LIVESTOCK	52.5	51.7	52.7
TOTAL AGRICULTURAL SERVICES	39.7	39.8	38.4
CROP SERVICES	42.0	41.3	38.7
PLANT CULTIVATE & PROTECTION	48.2	46.0	48.3
HARVEST PRIMARILY BY MACHINE	37.5	38.8	33.5
PREPARATION SVCS FOR MARKET	41.2	40.8	37.7
COTTON GINNING	44.7	39.6	41.9
TOTAL FARM LABOR & MANAGEMENT	39.0	39.4	38.3
FARM LABOR CONTRACTORS	38.3	38.7	37.4
FARM MANAGEMENT SERVICES	48.0	47.5	48.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	6.20	6.00	6.18
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.17	5.98	6.15
TOTAL FIELD CROPS	6.51	6.38	6.41
COTTON	6.45	6.35	6.48
OTHER FIELD CROPS	6.60	6.42	6.29
VEGETABLES AND MELONS	6.12	5.90	5.73
TOTAL FRUITS AND TREE NUTS	6.16	5.90	6.09
GRAPES	6.41	5.96	6.29
TREE NUTS	5.83	5.84	5.93
CITRUS FRUITS	6.85	7.70	6.50
DECIDUOUS TREE FRUIT	5.55	5.34	5.64
OTHER FRUITS AND NUTS	6.41	6.15	6.03
HORTICULTURAL SPECIALTIES	7.19	7.55	6.85
GENERAL FARM PRIMARILY CROP	5.91	5.76	6.21
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.41	7.48	7.25
BEEF CATTLE FEED LOTS	7.04	7.17	7.97
BEEF CATTLE EXCEPT FEED LOTS	8.13	8.13	8.07
DAIRY FARMS	7.55	7.61	7.38
POULTRY & EGGS	7.34	7.47	7.11
OTHER LIVESTOCK	5.85	5.95	5.76
TOTAL AGRICULTURAL SERVICES	6.03	5.76	6.06
CROP SERVICES	6.95	6.60	6.88
PLANT CULTIVATE & PROTECTION	7.78	7.37	7.38
HARVEST PRIMARILY BY MACHINE	6.80	6.55	7.88
PREPARATION SVCS FOR MARKET	6.65	6.29	6.54
COTTON GINNING	8.88	8.54	7.70
TOTAL FARM LABOR & MANAGEMENT	5.73	5.48	5.78
FARM LABOR CONTRACTORS	5.63	5.41	5.72
FARM MANAGEMENT SERVICES	6.55	6.22	6.36

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SOUTH COAST

Wage and Salary Employment

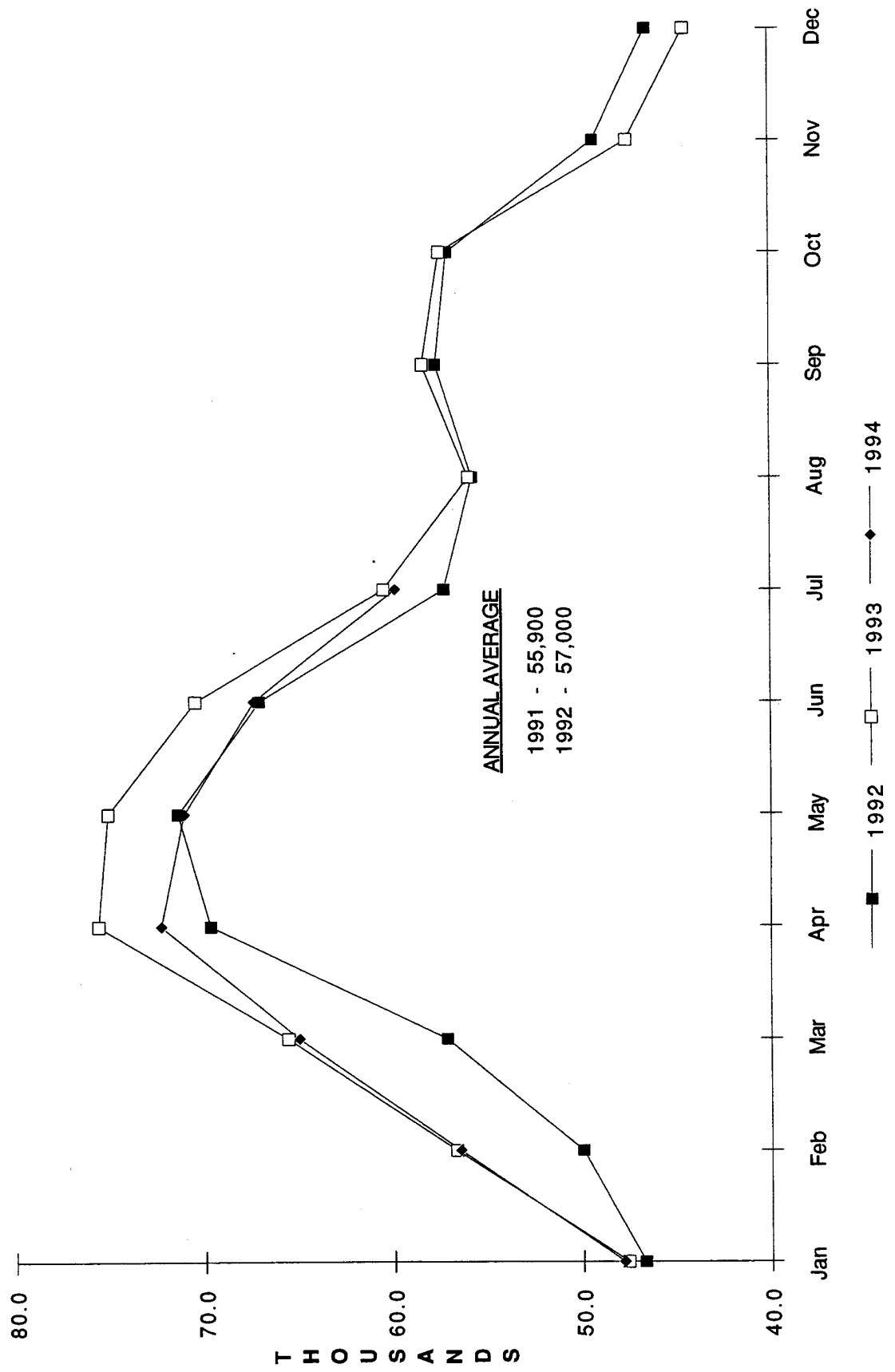


TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	59.9	67.4	60.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	40.4	47.6	40.2
VEGETABLES AND MELONS	9.5	10.3	9.5
TOTAL FRUITS AND TREE NUTS	11.7	17.6	11.2
BERRIES	6.6	12.3	6.1
CITRUS FRUITS	2.1	2.2	2.2
OTHER FRUITS AND NUTS	3.0	3.1	2.9
TOTAL HORTICULTURAL SPECIALTIES	14.8	15.2	15.0
ORNAMENTAL FLORAL & NURSERY	14.1	14.5	14.3
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.7
GENERAL FARM PRIMARILY CROP	4.4	4.5	4.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.3	2.3	2.4
TOTAL AGRICULTURAL SERVICES	17.2	17.5	17.4
CROP SERVICES	5.7	5.6	6.2
HARVEST PRIMARILY BY MACHINE	2.7	2.8	2.7
PREPARATION SVCS FOR MARKET	3.0	2.8	3.5
TOTAL FARM LABOR & MANAGEMENT	11.5	11.9	11.2
FARM LABOR CONTRACTORS	9.7	10.2	9.4
FARM MANAGEMENT SERVICES	1.8	1.7	1.8

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	54.0	61.7	54.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	35.8	43.1	36.0
VEGETABLES AND MELONS	8.7	9.5	8.8
TOTAL FRUITS AND TREE NUTS	11.0	17.1	10.7
BERRIES	6.4	12.2	6.0
CITRUS FRUITS	1.8	1.9	2.0
OTHER FRUITS AND NUTS	2.8	3.0	2.7
TOTAL HORTICULTURAL SPECIALTIES	12.0	12.3	12.4
ORNAMENTAL FLORAL & NURSERY	11.4	11.7	11.8
FOOD CROPS GROWN UNDER COVER	0.6	0.6	0.6
GENERAL FARM PRIMARILY CROP	4.1	4.2	4.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.9	1.9	2.0
TOTAL AGRICULTURAL SERVICES	16.3	16.7	16.5
CROP SERVICES	5.4	5.3	5.9
HARVEST PRIMARILY BY MACHINE	2.6	2.7	2.6
PREPARATION SVCS FOR MARKET	2.8	2.6	3.3
TOTAL FARM LABOR & MANAGEMENT	10.9	11.4	10.6
FARM LABOR CONTRACTORS	9.3	9.8	9.0
FARM MANAGEMENT SERVICES	1.6	1.6	1.6

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	276.05	293.33	266.46
TOTAL AGRICULTURAL PRODUCTION/CROPS	281.43	297.62	270.19
VEGETABLES AND MELONS	318.53	327.83	284.49
TOTAL FRUITS AND TREE NUTS	231.39	279.68	226.77
BERRIES	205.35	272.80	205.35
CITRUS FRUITS	284.98	296.25	267.73
OTHER FRUITS AND NUTS	254.41	297.00	245.42
TOTAL HORTICULTURAL SPECIALTIES	298.58	303.53	288.56
ORNAMENTAL FLORAL & NURSERY	290.32	297.98	285.11
FOOD CROPS GROWN UNDER COVER	470.88	418.61	352.13
GENERAL FARM PRIMARILY CROP	286.76	282.66	292.34
TOTAL AGRIC PRODUCTION/LIVESTOCK	327.23	330.00	323.55
TOTAL AGRICULTURAL SERVICES	258.59	278.57	252.32
CROP SERVICES	286.59	308.56	295.68
HARVEST PRIMARILY BY MACHINE	296.83	318.98	307.65
PREPARATION SVCS FOR MARKET	277.78	298.28	286.18
TOTAL FARM LABOR & MANAGEMENT	244.99	263.89	228.55
FARM LABOR CONTRACTORS	243.25	253.05	227.27
FARM MANAGEMENT SERVICES	255.75	335.34	238.28

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	41.7	43.2	41.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.7	45.3	43.3
VEGETABLES AND MELONS	46.5	46.5	43.7
TOTAL FRUITS AND TREE NUTS	38.5	43.7	38.5
BERRIES	37.0	44.0	37.0
CITRUS FRUITS	39.2	39.5	40.2
OTHER FRUITS AND NUTS	41.3	45.0	40.7
TOTAL HORTICULTURAL SPECIALTIES	46.8	47.5	45.3
ORNAMENTAL FLORAL & NURSERY	46.6	47.6	45.4
FOOD CROPS GROWN UNDER COVER	50.2	45.9	43.1
GENERAL FARM PRIMARILY CROP	42.8	42.0	48.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	44.4	44.0	45.0
TOTAL AGRICULTURAL SERVICES	37.1	37.9	38.0
CROP SERVICES	41.0	40.6	42.3
HARVEST PRIMARILY BY MACHINE	38.6	41.0	39.8
PREPARATION SVCS FOR MARKET	43.2	40.2	44.3
TOTAL FARM LABOR & MANAGEMENT	35.2	36.6	35.6
FARM LABOR CONTRACTORS	34.8	35.0	35.4
FARM MANAGEMENT SERVICES	37.5	46.9	37.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	6.62	6.79	6.39
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.44	6.57	6.24
VEGETABLES AND MELONS	6.85	7.05	6.51
TOTAL FRUITS AND TREE NUTS	6.01	6.40	5.89
BERRIES	5.55	6.20	5.55
CITRUS FRUITS	7.27	7.50	6.66
OTHER FRUITS AND NUTS	6.16	6.60	6.03
TOTAL HORTICULTURAL SPECIALTIES	6.38	6.39	6.37
ORNAMENTAL FLORAL & NURSERY	6.23	6.26	6.28
FOOD CROPS GROWN UNDER COVER	9.38	9.12	8.17
GENERAL FARM PRIMARILY CROP	6.70	6.73	6.04
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.37	7.50	7.19
TOTAL AGRICULTURAL SERVICES	6.97	7.35	6.64
CROP SERVICES	6.99	7.60	6.99
HARVEST PRIMARILY BY MACHINE	7.69	7.78	7.73
PREPARATION SVCS FOR MARKET	6.43	7.42	6.46
TOTAL FARM LABOR & MANAGEMENT	6.96	7.21	6.42
FARM LABOR CONTRACTORS	6.99	7.23	6.42
FARM MANAGEMENT SERVICES	6.82	7.15	6.44

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

CENTRAL COAST

Wage and Salary Employment

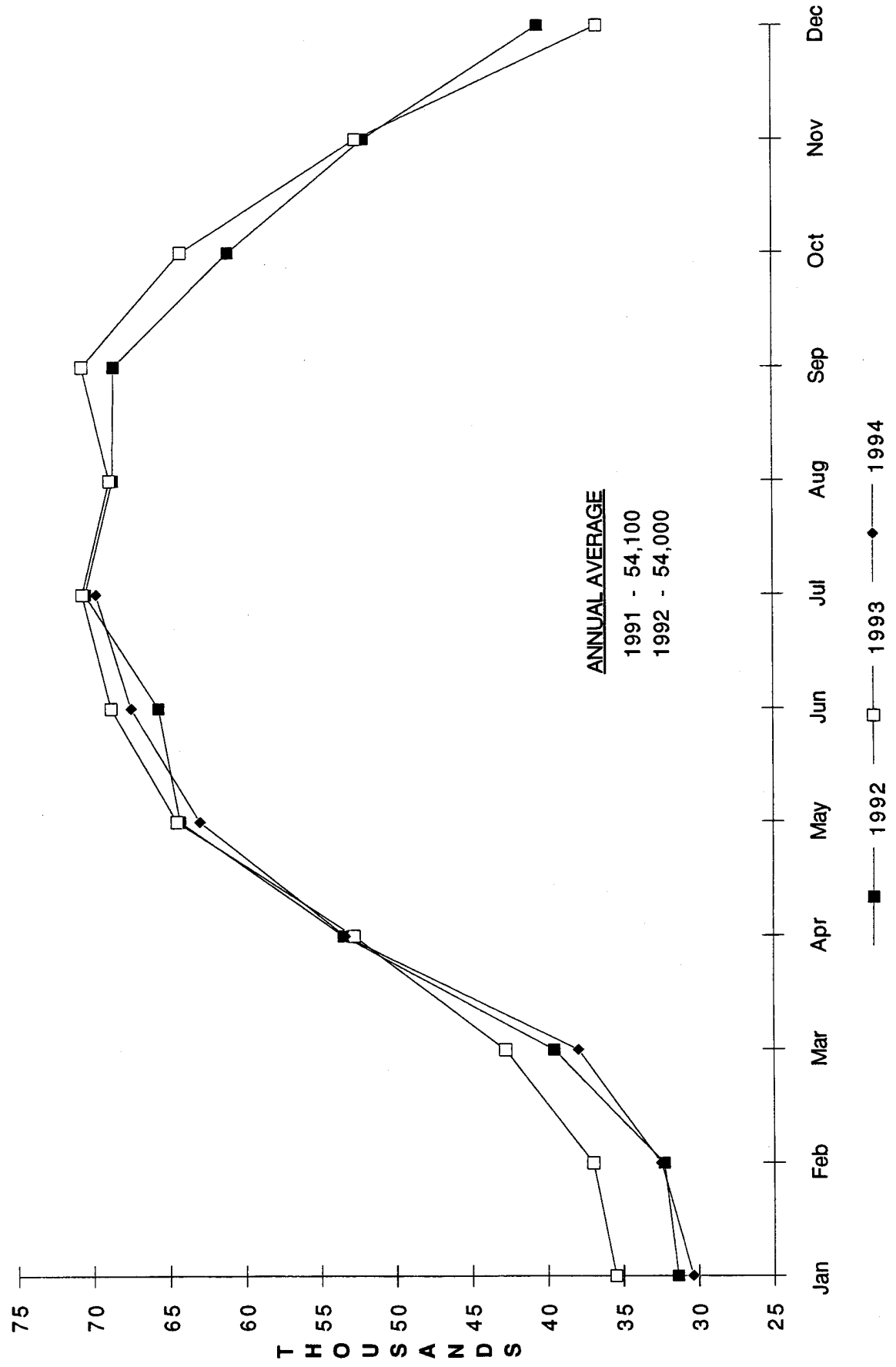


TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	69.8	67.5	68.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	46.2	45.0	46.5
VEGETABLES AND MELONS	16.5	16.2	15.6
TOTAL FRUITS AND TREE NUTS	17.4	17.1	18.1
BERRIES	13.3	13.3	13.7
DECIDUOUS TREE FRUIT	2.7	2.3	2.9
OTHER FRUITS AND NUTS	1.4	1.5	1.5
TOTAL HORTICULTURAL SPECIALTIES	9.3	9.3	9.6
ORNAMENTAL FLORAL & NURSERY	7.2	7.2	7.5
FOOD CROPS GROWN UNDER COVER	2.1	2.1	2.1
GENERAL FARM PRIMARILY CROP	3.0	2.4	3.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.1	1.1	1.0
TOTAL AGRICULTURAL SERVICES	22.5	21.4	21.0
CROP SERVICES	11.5	11.6	8.7
HARVEST PRIMARILY BY MACHINE	3.4	3.6	2.9
PREPARATION SVCS FOR MARKET	8.1	8.0	5.8
TOTAL FARM LABOR & MANAGEMENT	11.0	9.8	12.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
AGRICULTURAL PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	64.7	62.1	63.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.4	40.9	42.6
VEGETABLES AND MELONS	15.1	14.7	14.4
TOTAL FRUITS AND TREE NUTS	16.8	16.5	17.4
BERRIES	13.1	13.0	13.4
DECIDUOUS TREE FRUIT	2.5	2.2	2.7
OTHER FRUITS AND NUTS	1.2	1.3	1.3
TOTAL HORTICULTURAL SPECIALTIES	7.8	7.6	7.9
ORNAMENTAL FLORAL & NURSERY	5.9	5.8	6.1
FOOD CROPS GROWN UNDER COVER	1.9	1.8	1.8
GENERAL FARM PRIMARILY CROP	2.7	2.1	2.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.8	0.8	0.7
TOTAL AGRICULTURAL SERVICES	21.5	20.4	20.4
CROP SERVICES	10.6	10.7	8.2
HARVEST PRIMARILY BY MACHINE	3.3	3.4	2.8
PREPARATION SVCS FOR MARKET	7.3	7.3	5.4
TOTAL FARM LABOR & MANAGEMENT	10.9	9.7	12.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	310.86	309.70	304.23
TOTAL AGRICULTURAL PRODUCTION/CROPS	318.66	323.38	310.99
VEGETABLES AND MELONS	317.90	339.02	322.27
TOTAL FRUITS AND TREE NUTS	308.02	299.93	294.90
BERRIES	316.83	311.05	307.48
DECIDUOUS TREE FRUIT	240.63	240.66	200.38
OTHER FRUITS AND NUTS	353.53	290.70	365.74
TOTAL HORTICULTURAL SPECIALTIES	327.93	333.19	322.67
ORNAMENTAL FLORAL & NURSERY	313.88	321.37	308.96
FOOD CROPS GROWN UNDER COVER	371.93	369.60	368.35
GENERAL FARM PRIMARILY CROP	359.60	357.76	322.03
TOTAL AGRIC PRODUCTION/LIVESTOCK	340.38	352.54	308.38
TOTAL AGRICULTURAL SERVICES	296.00	281.32	289.67
CROP SERVICES	348.48	320.57	322.50
HARVEST PRIMARILY BY MACHINE	324.82	282.31	304.18
PREPARATION SVCS FOR MARKET	358.81	339.74	332.25
TOTAL FARM LABOR & MANAGEMENT	245.75	236.93	267.97

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	42.7	42.6	43.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.2	46.0	45.6
VEGETABLES AND MELONS	42.5	46.0	43.2
TOTAL FRUITS AND TREE NUTS	45.7	44.9	45.3
BERRIES	47.5	47.2	46.8
DECIDUOUS TREE FRUIT	38.5	38.2	36.3
OTHER FRUITS AND NUTS	41.3	34.0	48.7
TOTAL HORTICULTURAL SPECIALTIES	45.8	46.6	46.9
ORNAMENTAL FLORAL & NURSERY	46.5	47.4	46.6
FOOD CROPS GROWN UNDER COVER	43.5	44.0	47.9
GENERAL FARM PRIMARILY CROP	54.9	52.0	56.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.5	47.9	41.9
TOTAL AGRICULTURAL SERVICES	37.9	35.7	40.4
CROP SERVICES	39.6	36.1	37.5
HARVEST PRIMARILY BY MACHINE	40.3	37.0	37.6
PREPARATION SVCS FOR MARKET	39.3	35.8	37.5
TOTAL FARM LABOR & MANAGEMENT	36.3	35.1	42.4

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	7.28	7.27	6.93
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.05	7.03	6.82
VEGETABLES AND MELONS	7.48	7.37	7.46
TOTAL FRUITS AND TREE NUTS	6.74	6.68	6.51
BERRIES	6.67	6.59	6.57
DECIDUOUS TREE FRUIT	6.25	6.30	5.52
OTHER FRUITS AND NUTS	8.56	8.55	7.51
TOTAL HORTICULTURAL SPECIALTIES	7.16	7.15	6.88
ORNAMENTAL FLORAL & NURSERY	6.75	6.78	6.63
FOOD CROPS GROWN UNDER COVER	8.55	8.40	7.69
GENERAL FARM PRIMARILY CROP	6.55	6.88	5.73
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.32	7.36	7.36
TOTAL AGRICULTURAL SERVICES	7.81	7.88	7.17
CROP SERVICES	8.80	8.88	8.60
HARVEST PRIMARILY BY MACHINE	8.06	7.63	8.09
PREPARATION SVCS FOR MARKET	9.13	9.49	8.86
TOTAL FARM LABOR & MANAGEMENT	6.77	6.75	6.32

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

DESERT

Wage and Salary Employment

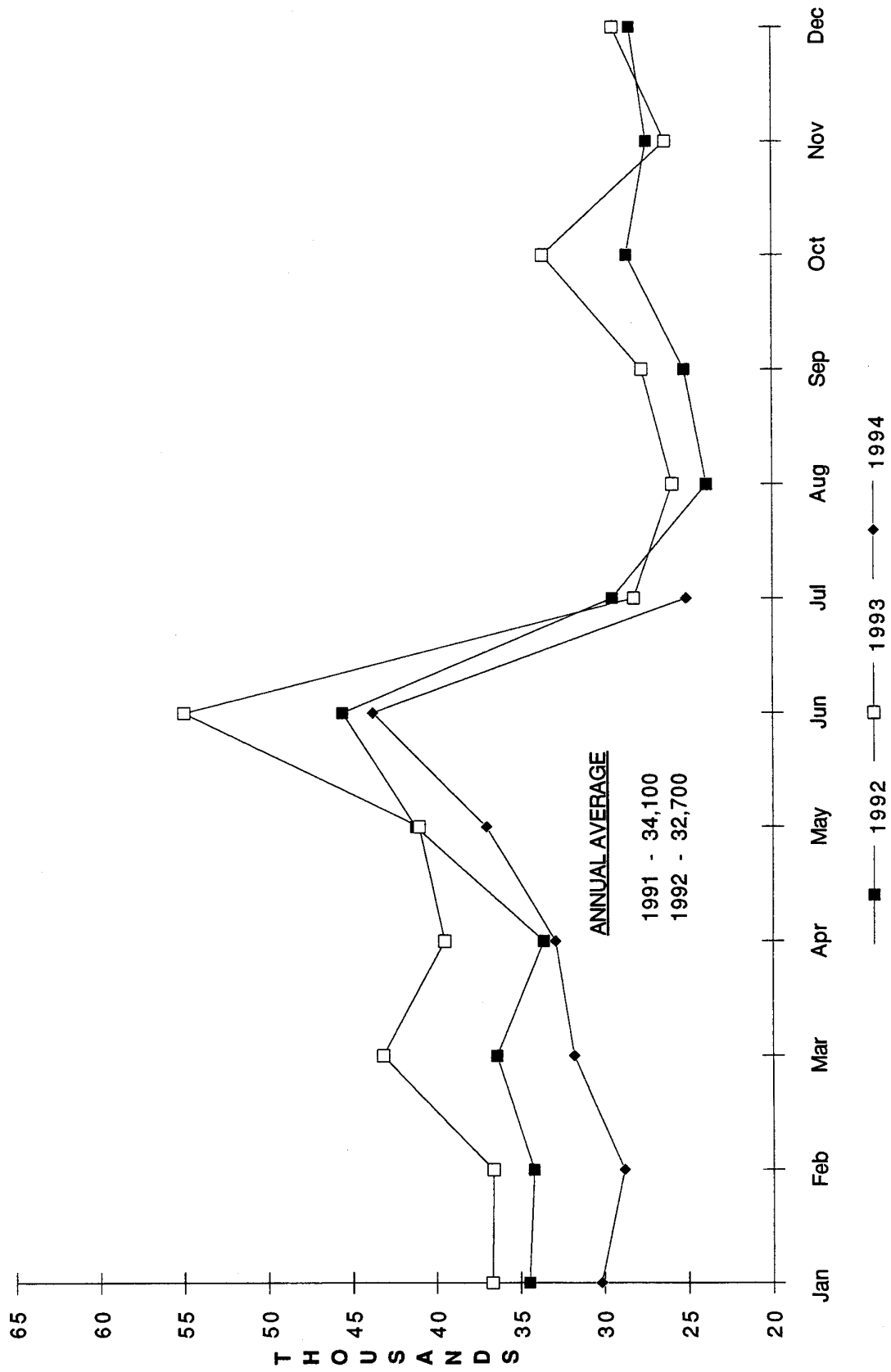


TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	25.1	43.8	23.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	10.8	21.2	7.9
FIELD CROPS	1.9	1.9	1.7
VEGETABLES AND MELONS	1.3	2.0	1.3
TOTAL FRUITS AND TREE NUTS	3.3	11.6	2.8
GRAPES	1.5	9.7	1.2
CITRUS FRUITS	0.9	0.9	0.8
OTHER FRUITS AND NUTS	0.9	1.0	0.8
HORTICULTURAL SPECIALTIES	0.8	0.8	0.8
GENERAL FARM PRIMARILY CROP	3.5	4.9	1.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	5.3	5.2	5.5
DAIRY FARMS	2.6	2.6	2.7
CHICKEN EGGS	1.3	1.2	1.3
OTHER LIVESTOCK	1.4	1.4	1.5
TOTAL AGRICULTURAL SERVICES	9.0	17.4	9.7
CROP SERVICES	5.5	5.7	5.5
PLANT CULTIVATE & PROTECTION	0.6	0.7	0.6
HARVEST PRIMARILY BY MACHINE	1.5	1.5	1.6
PREPARATION SVCS FOR MARKET	3.4	3.5	3.3
TOTAL FARM LABOR & MANAGEMENT	3.5	11.7	4.2

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	22.5	41.8	21.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	9.6	20.3	6.9
FIELD CROPS	1.7	1.7	1.5
VEGETABLES AND MELONS	1.2	1.8	1.2
TOTAL FRUITS AND TREE NUTS	2.8	11.4	2.5
GRAPES	1.3	9.6	1.1
CITRUS FRUITS	0.8	0.9	0.7
OTHER FRUITS AND NUTS	0.7	0.9	0.7
HORTICULTURAL SPECIALTIES	0.7	0.7	0.6
GENERAL FARM PRIMARILY CROP	3.2	4.7	1.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.6	4.7	4.8
DAIRY FARMS	2.5	2.5	2.6
CHICKEN EGGS	0.9	0.9	0.9
OTHER LIVESTOCK	1.2	1.3	1.3
TOTAL AGRICULTURAL SERVICES	8.3	16.8	9.3
CROP SERVICES	4.9	5.2	5.2
PLANT CULTIVATE & PROTECTION	0.4	0.6	0.5
HARVEST PRIMARILY BY MACHINE	1.4	1.4	1.6
PREPARATION SVCS FOR MARKET	3.1	3.2	3.1
TOTAL FARM LABOR & MANAGEMENT	3.4	11.6	4.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	318.78	278.88	307.63
TOTAL AGRICULTURAL PRODUCTION/CROPS	330.92	274.59	319.11
FIELD CROPS	375.16	336.14	325.32
VEGETABLES AND MELONS	290.70	293.54	297.04
TOTAL FRUITS AND TREE NUTS	317.39	266.77	311.64
GRAPES	357.42	264.99	347.00
CITRUS FRUITS	288.23	294.00	294.74
OTHER FRUITS AND NUTS	276.51	260.63	273.48
HORTICULTURAL SPECIALTIES	355.71	411.43	335.48
GENERAL FARM PRIMARILY CROP	329.87	243.49	340.90
TOTAL AGRIC PRODUCTION/LIVESTOCK	398.27	385.99	421.58
DAIRY FARMS	458.21	436.80	493.96
CHICKEN EGGS	317.65	319.42	302.10
OTHER LIVESTOCK	338.88	335.04	357.56
TOTAL AGRICULTURAL SERVICES	260.00	253.93	239.78
CROP SERVICES	261.84	227.42	273.75
PLANT CULTIVATE & PROTECTION	282.32	305.11	313.50
HARVEST PRIMARILY BY MACHINE	213.35	173.04	211.49
PREPARATION SVCS FOR MARKET	280.75	238.01	299.81
TOTAL FARM LABOR & MANAGEMENT	257.27	265.98	196.79

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	46.2	40.3	44.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	50.6	40.5	47.7
FIELD CROPS	56.5	50.7	48.7
VEGETABLES AND MELONS	47.5	46.3	47.0
TOTAL FRUITS AND TREE NUTS	46.2	37.0	46.1
GRAPES	51.8	36.5	50.0
CITRUS FRUITS	42.7	42.0	43.6
OTHER FRUITS AND NUTS	39.9	37.5	42.4
HORTICULTURAL SPECIALTIES	44.8	51.3	43.4
GENERAL FARM PRIMARILY CROP	53.9	41.2	53.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.1	46.9	51.1
DAIRY FARMS	46.9	45.5	53.0
CHICKEN EGGS	51.4	49.6	47.5
OTHER LIVESTOCK	48.0	48.0	49.8
TOTAL AGRICULTURAL SERVICES	40.0	38.3	38.0
CROP SERVICES	42.3	36.8	43.8
PLANT CULTIVATE & PROTECTION	43.5	48.2	55.0
HARVEST PRIMARILY BY MACHINE	34.3	28.0	34.9
PREPARATION SVCS FOR MARKET	45.8	38.7	46.7
TOTAL FARM LABOR & MANAGEMENT	36.7	39.0	30.7

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	6.90	6.92	6.96
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.54	6.78	6.69
FIELD CROPS	6.64	6.63	6.68
VEGETABLES AND MELONS	6.12	6.34	6.32
TOTAL FRUITS AND TREE NUTS	6.87	7.21	6.76
GRAPES	6.90	7.26	6.94
CITRUS FRUITS	6.75	7.00	6.76
OTHER FRUITS AND NUTS	6.93	6.95	6.45
HORTICULTURAL SPECIALTIES	7.94	8.02	7.73
GENERAL FARM PRIMARILY CROP	6.12	5.91	6.42
TOTAL AGRIC PRODUCTION/LIVESTOCK	8.28	8.23	8.25
DAIRY FARMS	9.77	9.60	9.32
CHICKEN EGGS	6.18	6.44	6.36
OTHER LIVESTOCK	7.06	6.98	7.18
TOTAL AGRICULTURAL SERVICES	6.50	6.63	6.31
CROP SERVICES	6.19	6.18	6.25
PLANT CULTIVATE & PROTECTION	6.49	6.33	5.70
HARVEST PRIMARILY BY MACHINE	6.22	6.18	6.06
PREPARATION SVCS FOR MARKET	6.13	6.15	6.42
TOTAL FARM LABOR & MANAGEMENT	7.01	6.82	6.41

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SACRAMENTO

Wage and Salary Employment

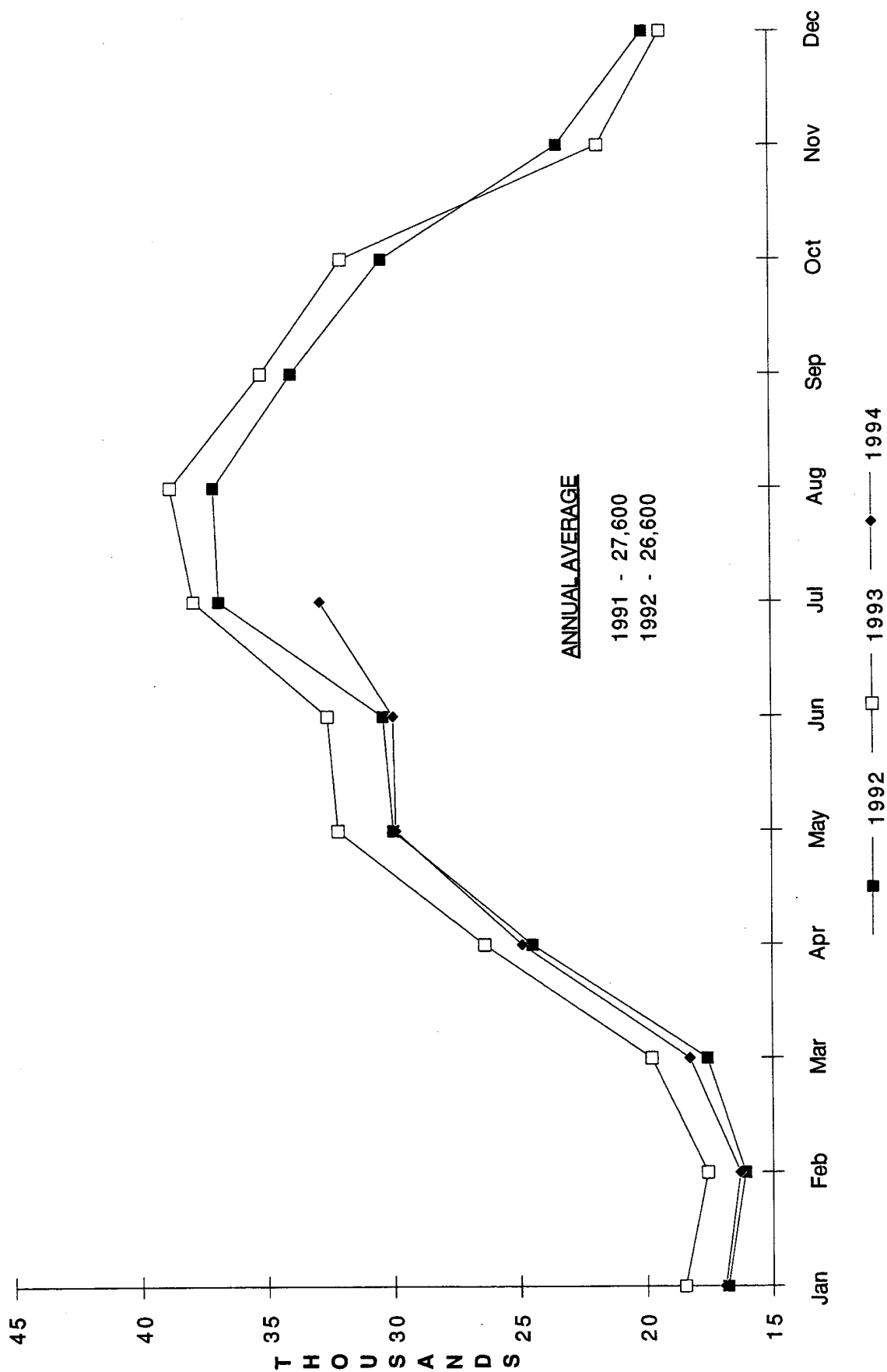


TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	32.9	30.0	35.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	23.1	20.7	23.8
RICE	1.3	1.3	1.2
VEGETABLES AND MELONS	3.2	2.8	3.0
TOTAL FRUIT AND TREE NUTS	8.2	6.8	9.0
TREE NUTS	1.9	1.8	1.9
DECIDUOUS TREE FRUIT	5.1	3.7	5.5
OTHER FRUITS AND NUTS	1.2	1.3	1.6
HORTICULTURAL SPECIALTIES	1.7	1.5	1.8
GENERAL FARM PRIMARILY CROP	8.7	8.3	8.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.6	1.6	1.9
TOTAL AGRICULTURAL SERVICES	8.2	7.7	9.5
CROP SERVICES	2.3	2.2	2.5
HARVEST PRIMARILY BY MACHINE	1.0	1.1	1.2
PREPARATION SVCS FOR MARKET	1.3	1.1	1.3
TOTAL FARM LABOR & MANAGEMENT	5.9	5.5	7.0

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	30.4	27.6	32.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	21.4	19.1	22.0
RICE	1.1	1.1	1.0
VEGETABLES AND MELONS	3.1	2.7	2.8
TOTAL FRUIT AND TREE NUTS	7.7	6.2	8.5
TREE NUTS	1.7	1.6	1.7
DECIDUOUS TREE FRUIT	4.9	3.4	5.3
OTHER FRUITS AND NUTS	1.1	1.2	1.5
HORTICULTURAL SPECIALTIES	1.4	1.3	1.5
GENERAL FARM PRIMARILY CROP	8.1	7.8	8.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.4	1.4	1.6
TOTAL AGRICULTURAL SERVICES	7.6	7.1	8.9
CROP SERVICES	1.8	1.8	2.0
HARVEST PRIMARILY BY MACHINE	0.8	0.9	1.0
PREPARATION SVCS FOR MARKET	1.0	0.9	1.0
TOTAL FARM LABOR & MANAGEMENT	5.8	5.3	6.9

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	277.54	298.35	266.00
TOTAL AGRICULTURAL PRODUCTION/CROPS	285.72	310.44	277.06
RICE	376.44	396.22	383.35
VEGETABLES AND MELONS	361.10	375.37	340.36
TOTAL FRUIT AND TREE NUTS	212.80	258.21	209.30
TREE NUTS	285.20	282.10	284.42
DECIDUOUS TREE FRUIT	185.33	248.31	180.75
OTHER FRUITS AND NUTS	223.67	255.49	223.11
HORTICULTURAL SPECIALTIES	300.36	310.67	303.91
GENERAL FARM PRIMARILY CROP	310.43	317.46	307.66
TOTAL AGRIC PRODUCTION/LIVESTOCK	291.20	291.66	304.14
TOTAL AGRICULTURAL SERVICES	253.81	265.63	230.56
CROP SERVICES	297.47	338.85	296.67
HARVEST PRIMARILY BY MACHINE	306.61	367.29	304.82
PREPARATION SVCS FOR MARKET	291.17	309.60	289.67
TOTAL FARM LABOR & MANAGEMENT	240.28	242.06	211.24

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	47.2	51.0	46.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	47.7	52.0	46.8
RICE	53.7	54.5	55.0
VEGETABLES AND MELONS	57.5	59.3	57.3
TOTAL FRUIT AND TREE NUTS	36.5	45.3	35.9
TREE NUTS	46.0	45.5	45.8
DECIDUOUS TREE FRUIT	32.4	44.5	31.6
OTHER FRUITS AND NUTS	40.3	47.4	39.7
HORTICULTURAL SPECIALTIES	47.3	46.3	45.7
GENERAL FARM PRIMARILY CROP	53.8	55.5	53.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	45.5	45.5	47.3
TOTAL AGRICULTURAL SERVICES	46.4	49.1	44.0
CROP SERVICES	43.3	48.2	43.5
HARVEST PRIMARILY BY MACHINE	45.9	53.0	45.7
PREPARATION SVCS FOR MARKET	41.3	43.3	41.5
TOTAL FARM LABOR & MANAGEMENT	47.3	49.4	44.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	5.88	5.85	5.77
TOTAL AGRICULTURAL PRODUCTION/CROPS	5.99	5.97	5.92
RICE	7.01	7.27	6.97
VEGETABLES AND MELONS	6.28	6.33	5.94
TOTAL FRUIT AND TREE NUTS	5.83	5.70	5.83
TREE NUTS	6.20	6.20	6.21
DECIDUOUS TREE FRUIT	5.72	5.58	5.72
OTHER FRUITS AND NUTS	5.55	5.39	5.62
HORTICULTURAL SPECIALTIES	6.35	6.71	6.65
GENERAL FARM PRIMARILY CROP	5.77	5.72	5.74
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.40	6.41	6.43
TOTAL AGRICULTURAL SERVICES	5.47	5.41	5.24
CROP SERVICES	6.87	7.03	6.82
HARVEST PRIMARILY BY MACHINE	6.68	6.93	6.67
PREPARATION SVCS FOR MARKET	7.05	7.15	6.98
TOTAL FARM LABOR & MANAGEMENT	5.08	4.90	4.79

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

NORTH COAST

Wage and Salary Employment

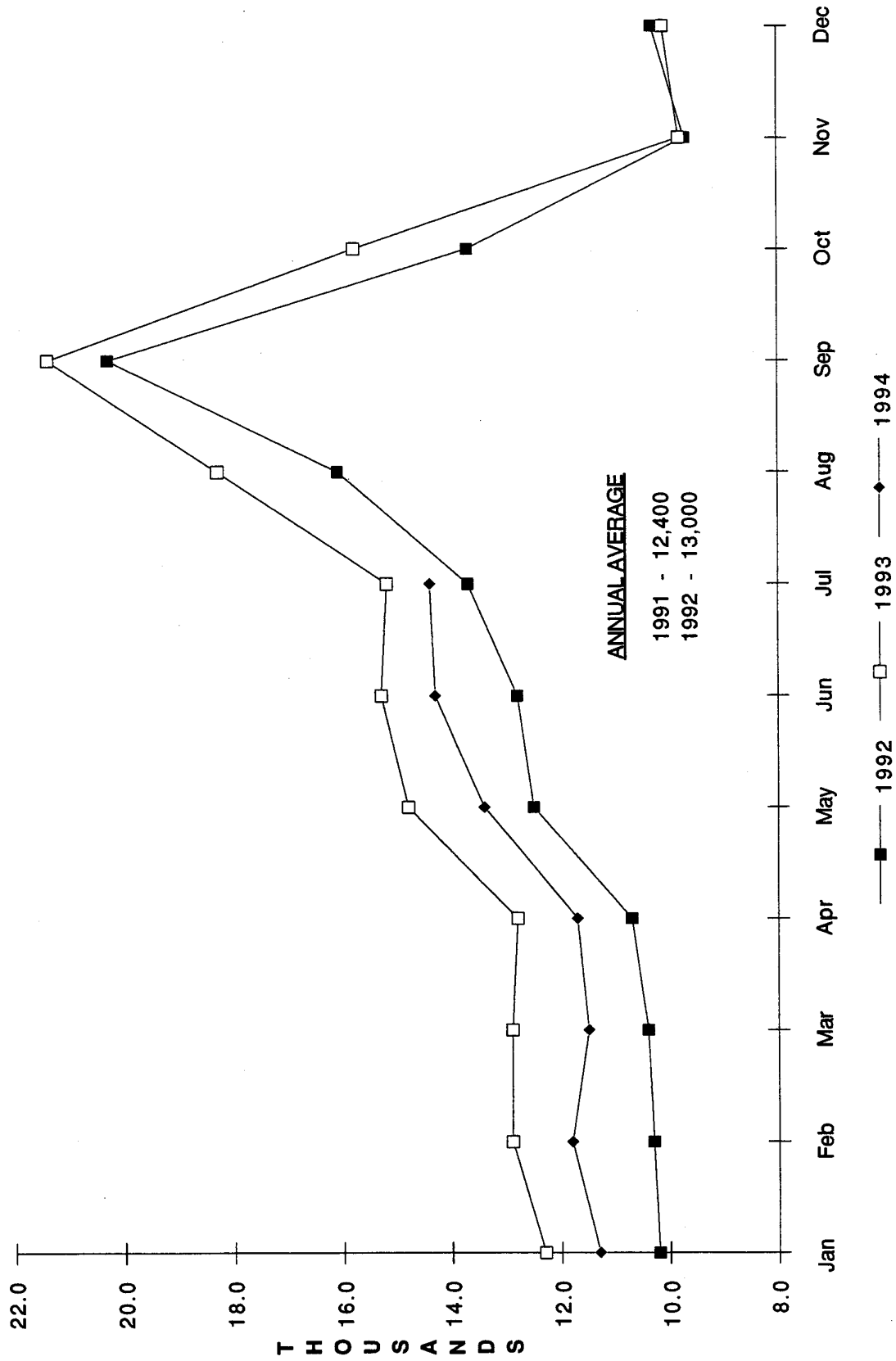


TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	14.4	14.3	14.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	10.3	10.1	10.1
TOTAL FRUITS AND TREE NUTS	7.9	7.7	7.9
GRAPES	6.4	6.5	6.2
OTHER FRUITS AND NUTS	1.5	1.2	1.7
TOTAL HORTICULTURAL SPECIALTIES	1.3	1.4	1.2
GENERAL FARM PRIMARILY CROP (2)	1.1	1.0	1.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	1.9	2.0
TOTAL AGRICULTURAL SERVICES	2.1	2.3	2.1

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B
AGRICULTURAL PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	12.0	11.9	11.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	8.4	8.3	8.3
TOTAL FRUITS AND TREE NUTS	6.3	6.2	6.3
GRAPES	4.9	5.0	4.7
OTHER FRUITS AND NUTS	1.4	1.2	1.6
TOTAL HORTICULTURAL SPECIALTIES	1.0	1.1	1.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.7	1.7
TOTAL AGRICULTURAL SERVICES	1.9	1.9	1.8

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	331.97	330.51	323.51
TOTAL AGRICULTURAL PRODUCTION/CROPS	331.70	326.85	316.40
TOTAL FRUITS AND TREE NUTS	333.94	332.72	321.49
GRAPES	334.48	329.51	313.44
OTHER FRUITS AND NUTS	329.88	346.06	344.63
TOTAL HORTICULTURAL SPECIALTIES	311.40	311.90	271.07
TOTAL AGRIC PRODUCTION/LIVESTOCK	312.50	316.24	311.89
TOTAL AGRICULTURAL SERVICES	351.53	357.01	364.31

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	44.8	45.4	45.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.5	46.1	45.2
TOTAL FRUITS AND TREE NUTS	43.2	44.6	43.8
GRAPES	42.5	43.3	42.3
OTHER FRUITS AND NUTS	45.5	50.3	48.2
TOTAL HORTICULTURAL SPECIALTIES	45.0	43.5	39.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	44.9	45.7	46.9
TOTAL AGRICULTURAL SERVICES	41.7	42.2	45.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	JUL 1994	JUN 1994	JUL 1993
TOTAL AGRICULTURAL	7.41	7.28	7.11
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.29	7.09	7.00
TOTAL FRUITS AND TREE NUTS	7.73	7.46	7.34
GRAPES	7.87	7.61	7.41
OTHER FRUITS AND NUTS	7.25	6.88	7.15
TOTAL HORTICULTURAL SPECIALTIES	6.92	7.17	6.88
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.96	6.92	6.65
TOTAL AGRICULTURAL SERVICES	8.43	8.46	8.06

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.